



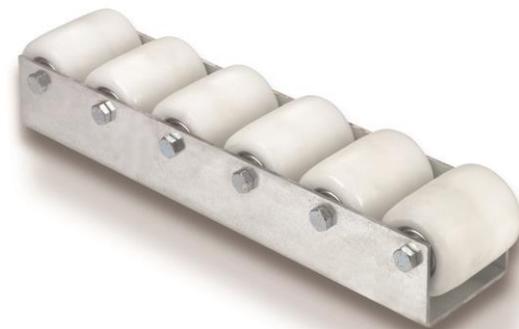
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Media Release – CUT TO SIZE PLASTICS – May 2016

Easy handling safe Wearlon roller wheels provide ultimate performance on expensive production surfaces



Hard-wearing cast polyamide is increasingly used to cost-efficiently fabricate industrial castors, pallet rollers, flanged and grooved wheels and idler wheels on materials handling machinery, indoor conveyor vehicles, transport wagons and as an alternative to metals and rubber in goods transport.

The material's low weight, low friction and resulting ease of handling means polyamide wheels and rollers have far less damaging or marking impact on expensive floors in process areas, while also offering OH&S benefits with their easy rollability. Their resistance to chemicals means they stand up well to use in laboratories, hazardous storage and production areas in many industries.

The Wearlon family of polyamides from Cut To Size Plastics is suitable for OEM use and clean and green metal replacement in applications including manufacturing and process engineering, mining and energy, oil and gas, transport and construction, food, beverage and primary production and water and waste water.

The Wearlon family - incorporating the globally proven LiNNOTAM range of cast polyamides from international manufacturer and fabricator of engineering plastics Licharz – is particularly suitable for:

- Operation in humid and wet environments
- Operations in extreme temperatures
- Operations where chemical exposure is an issue.

The material can be economically fabricated in almost any size, says Mr Pat Flood, NSW Manager of Cut To Size Plastics, which manufactures components for applications across Australasia from its Head Office in Sydney where facilities include CNC machining facilities coupled with GibbsCAM™ and Solidworks™ software.

“Wearlon excels in applications involving hygienic and durable transmission of mechanical force, movement of industrial components and minimising friction in production and materials handling processes.

“Specific formulations of polyamides are available for wheels and rollers offering a high degree of durable elasticity that ensures any flat spots which develop under static load become quickly and reliably round again. In this way, vibration-free running can be achieved after a very short distance.”

Extreme Pressure (EP) wheels can also be fabricated from polyamide, performing best when used in clean application where foreign matter or material is not lying on the floor or track.

“The Wearlon polyamide family offers excellent toughness, low coefficient of friction and good abrasion resistance, making it an ideal replacement for a wide variety of materials from metal to rubber,” says Mr Flood.